

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046282.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 14:05
 Operator : YP/AJ
 Sample : 03572-01
 Misc : LOD 2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 05:44:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.502	4807671	32.163 ug/ml
Spiked Amount 50.000		Recovery =	64.33%
6) S 2-Fluorobiphenyl (SURR)	8.356	3036725	32.439 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.88%
11) S ortho-Terphenyl (SURR)	11.397	8241435	47.191 ug/ml
Spiked Amount 50.000		Recovery =	94.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	395773	2.172 ug/ml
2) T Naphthalene (C11.7)	5.842	390494	2.162 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	374502	2.128 ug/ml
5) T Acenaphthylene (C15.06)	8.158	329479	2.159 ug/ml
7) T Acenaphthene (C15.5)	8.453	364267	2.234 ug/ml
8) T Fluorene (C16.55)	9.232	315237	2.072 ug/ml
9) T Phenanthrene (C19.36)	10.621	311739	2.165 ug/ml
10) T Anthracene (C19.43)	10.694	275766	2.107 ug/ml
12) T Fluoranthene (C21.85)	12.422	317873	2.275 ug/ml
13) T Pyrene (C20.8)	12.716	320175	2.310 ug/ml
14) T Benzo[a]anthracene (C...	14.580	248445	1.893 ug/ml
15) T Chrysene (C27.41)	14.621	382683	2.714 ug/ml
16) T benzo[b]fluoranthene ...	16.120	252501	1.846 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	272461	1.988 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	221521	1.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	194934	1.621 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	236109	1.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	200114	1.577 ug/ml

(f)=RT Delta > 1/2 Window

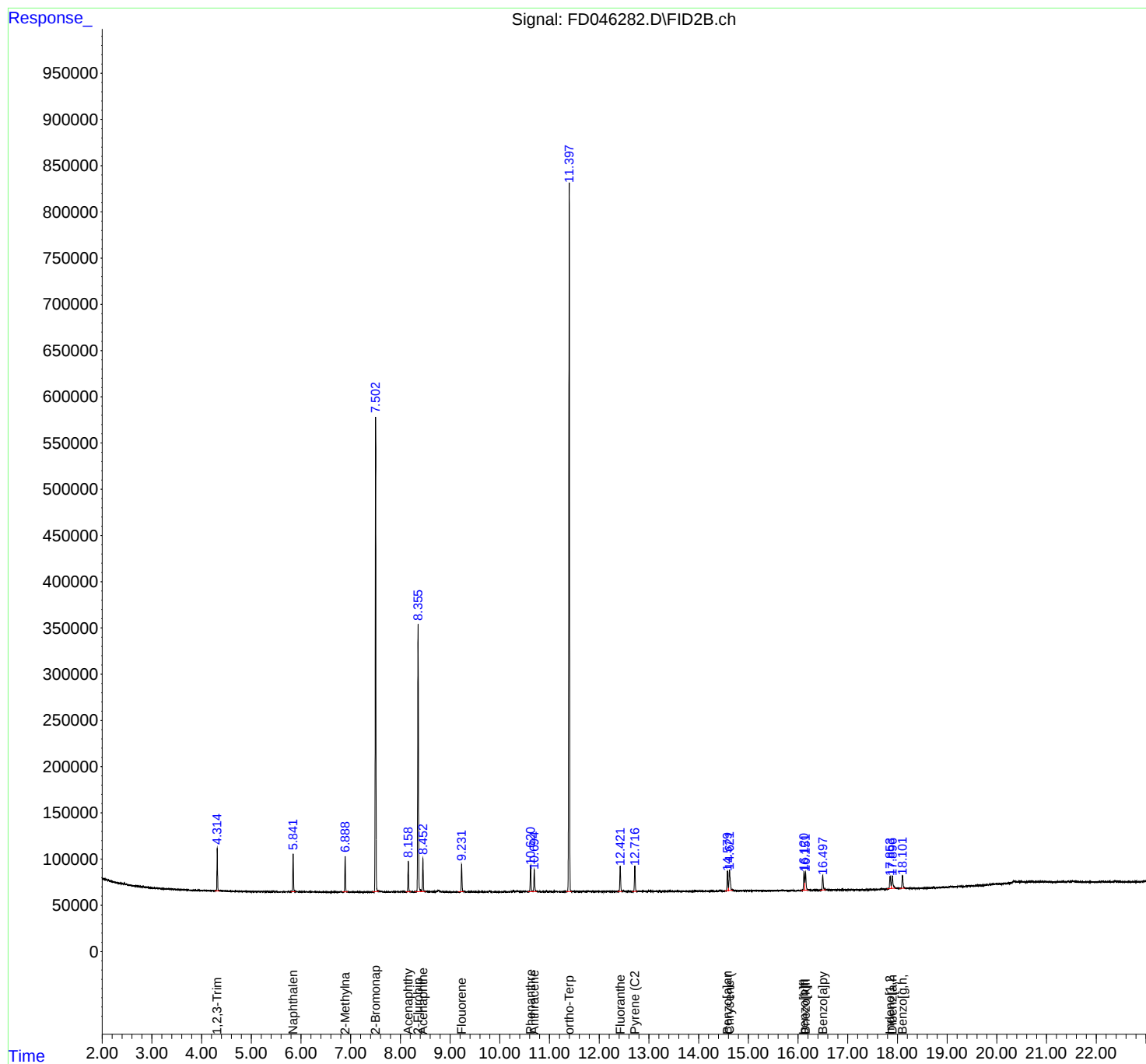
(m)=manual int.

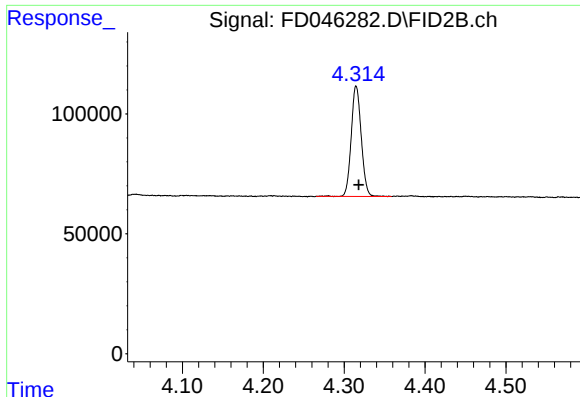
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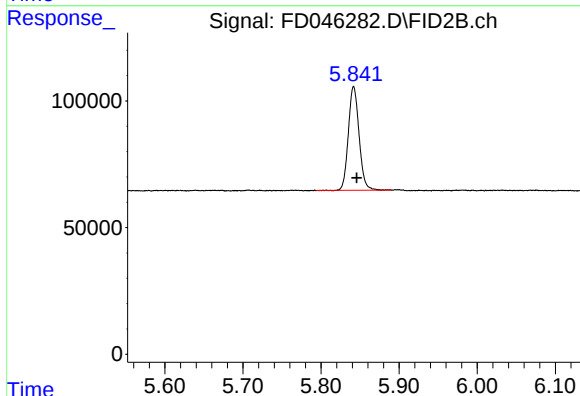




#1 1,2,3-Trimethylbenzene (C10.1)

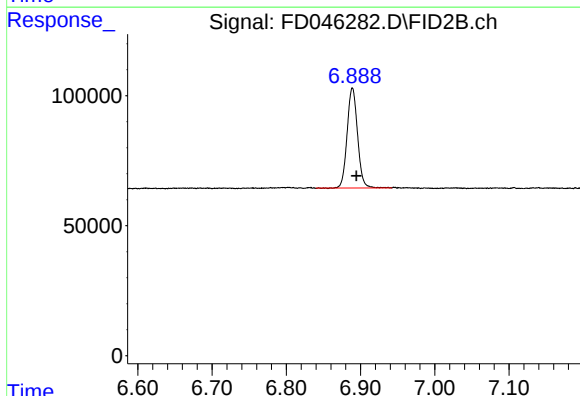
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 395773
Conc: 2.17 ug/ml

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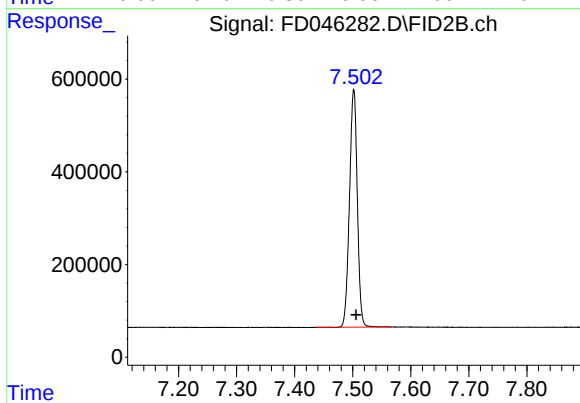
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 390494
Conc: 2.16 ug/ml



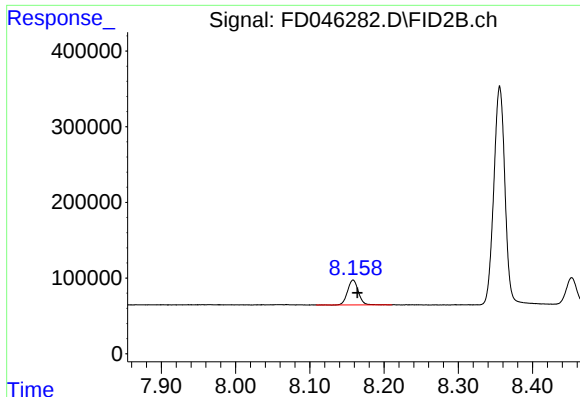
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.005 min
Response: 374502
Conc: 2.13 ug/ml



#4 2-Bromonaphthalene (SURR)

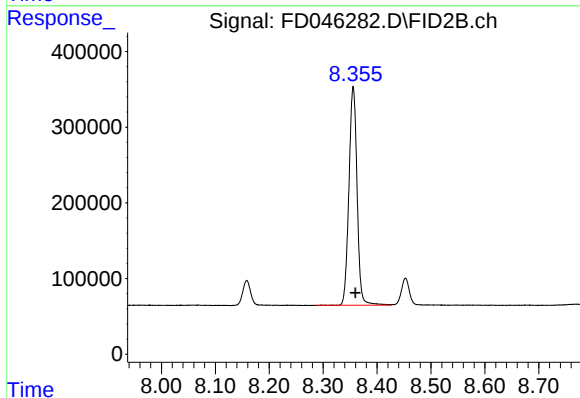
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 4807671
Conc: 32.16 ug/ml



#5 Acenaphthylene (C15.06)

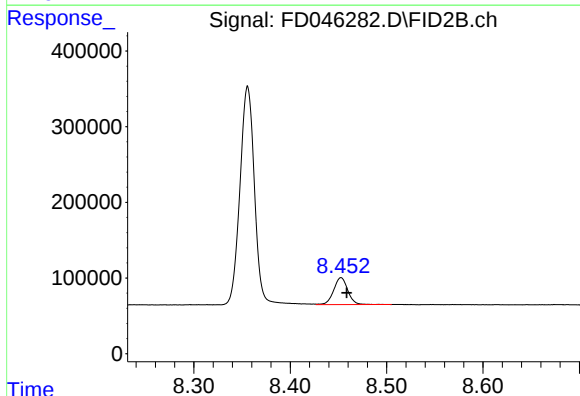
R.T.: 8.158 min
Delta R.T.: -0.006 min
Response: 329479
Conc: 2.16 ug/ml

Instrument :
FID_D
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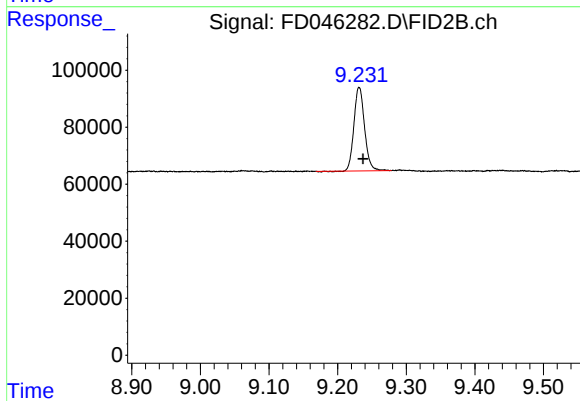
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 3036725
Conc: 32.44 ug/ml



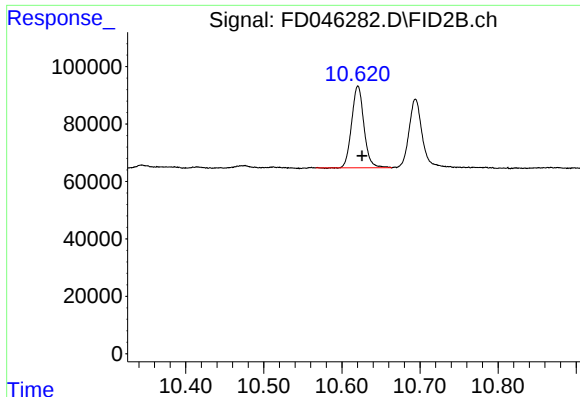
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.006 min
Response: 364267
Conc: 2.23 ug/ml



#8 Fluorene (C16.55)

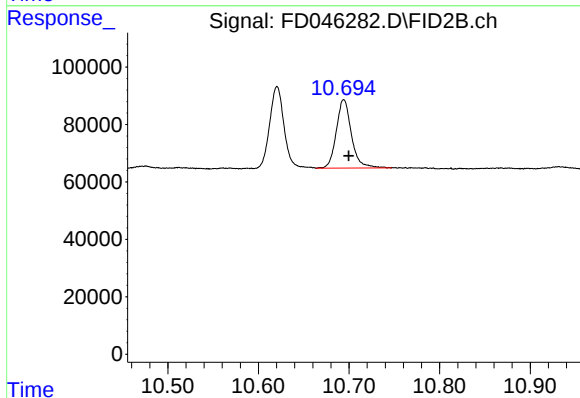
R.T.: 9.232 min
Delta R.T.: -0.006 min
Response: 315237
Conc: 2.07 ug/ml



#9 Phenanthrene (C19.36)

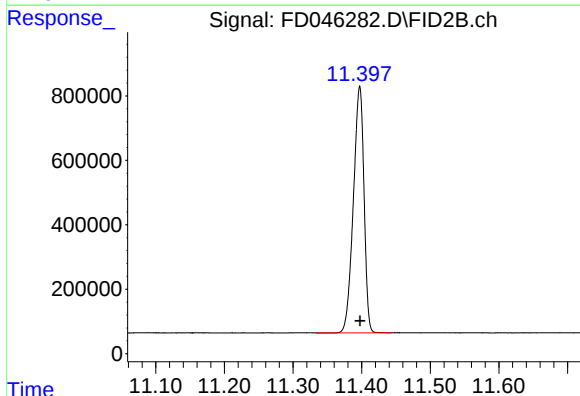
R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 311739
Conc: 2.16 ug/ml

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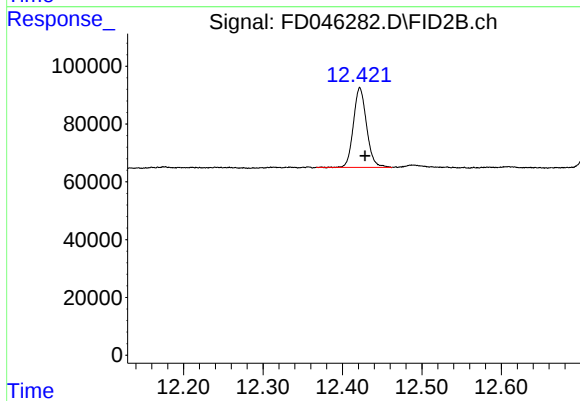
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.005 min
Response: 275766
Conc: 2.11 ug/ml



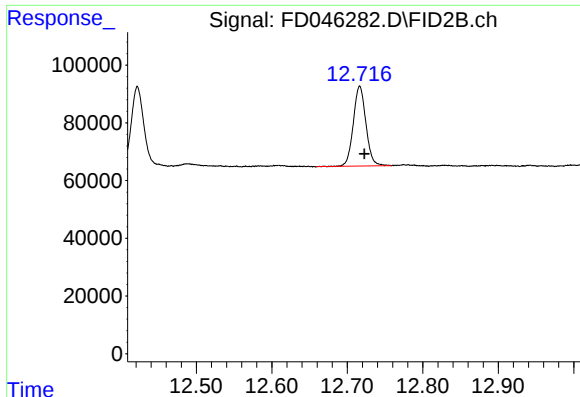
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 8241435
Conc: 47.19 ug/ml



#12 Fluoranthene (C21.85)

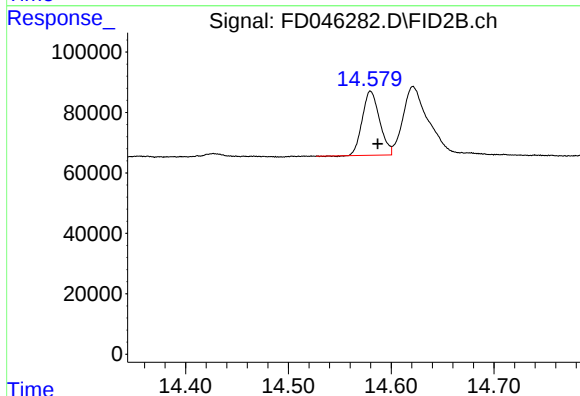
R.T.: 12.422 min
Delta R.T.: -0.006 min
Response: 317873
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

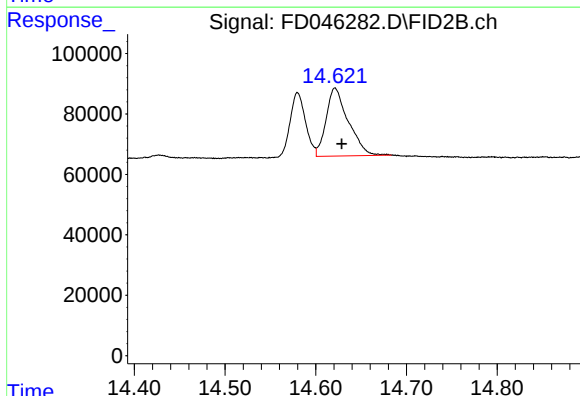
R.T.: 12.716 min
Delta R.T.: -0.006 min
Response: 320175
Conc: 2.31 ug/ml

Instrument :
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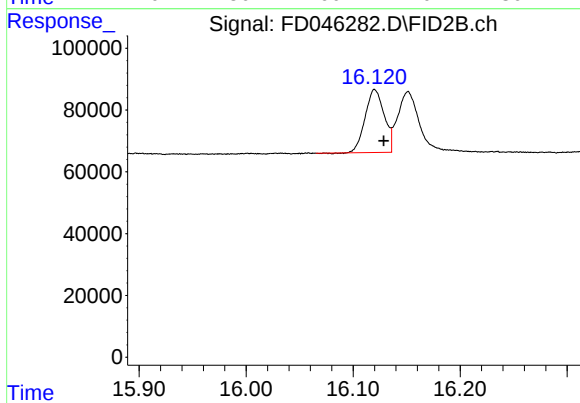
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: -0.007 min
Response: 248445
Conc: 1.89 ug/ml



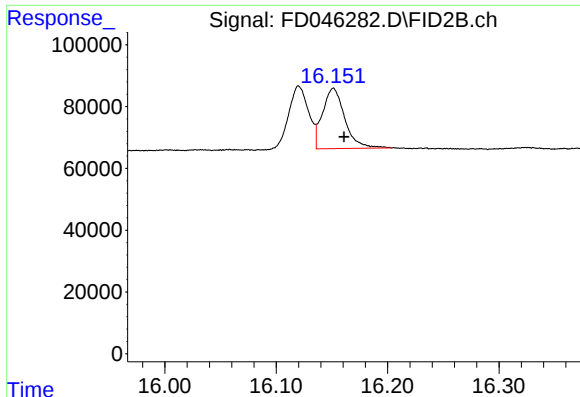
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: -0.007 min
Response: 382683
Conc: 2.71 ug/ml



#16 benzo[b]fluoranthene (C30.41)

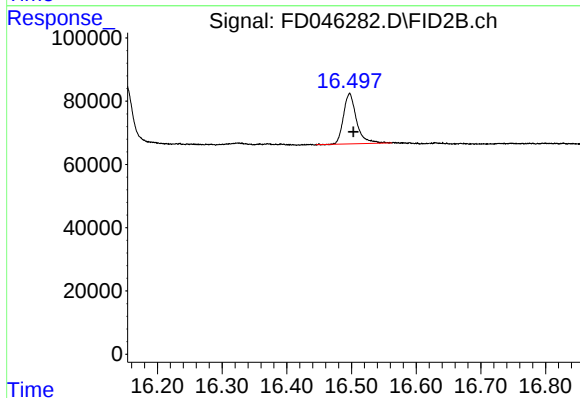
R.T.: 16.120 min
Delta R.T.: -0.008 min
Response: 252501
Conc: 1.85 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

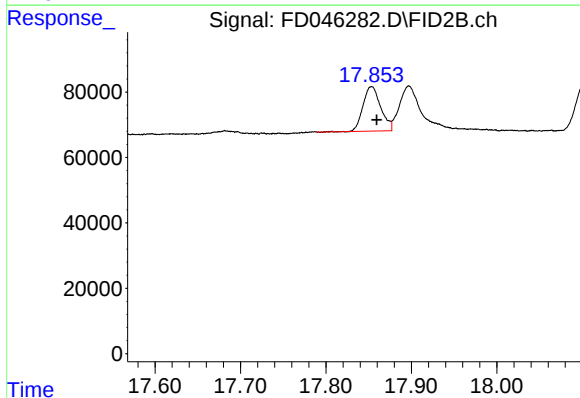
R.T.: 16.151 min
Delta R.T.: -0.009 min
Response: 272461
Conc: 1.99 ug/ml

Instrument :
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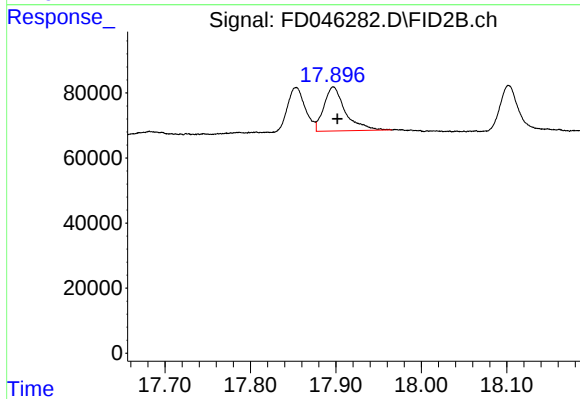
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.006 min
Response: 221521
Conc: 1.70 ug/ml



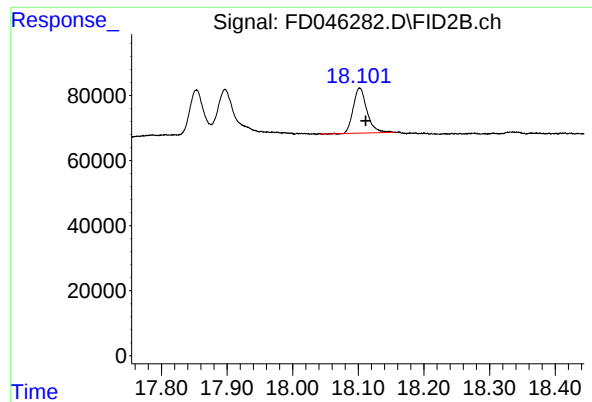
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: -0.006 min
Response: 194934
Conc: 1.62 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.897 min
Delta R.T.: -0.004 min
Response: 236109
Conc: 1.85 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.102 min
Delta R.T.: -0.009 min
Response: 200114
Conc: 1.58 ug/ml

Instrument :

FID_D

ClientSampleId :

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